

THE EXPERIMENTAL GAS COOLED REACTOR, 350 tons of it, is expected to pass Y-12 shortly. The route to its destination includes Bear Creek Road. Traffic lights and other power lines will have to be altered for its passage.

## EGCR Pressure Vessel to Travel On Long Journey Via Bear Creek

The massive pressure vessel of the Experimental Gas-Cooled Reactor will pass Y-12 in the next two or three days. The 305-ton cargo will include the reactor containment vessel, top hemisphere, bottom head, inner liner, special holding skids, and a truck and trailer for the largest section. The EGCR vessel has been en route from Eddystone, Pennsylvania since December 23, and has come most of the way by water. A two day delay was experienced near Cairo, Illinois when ice jams prevented its entry into waterways there. The vessel, which has a gross weight of more than 500 tons, was too large to move over the overland trail, and came through the intra-coastal and inland waterway system.

The EGCR was started in the summer of 1959 and is scheduled for completion in late 1964 at an estimated cost of \$51,000,000. The facility is being constructed as an experimental step in the Atomic

Energy Commission's efforts toward development of nuclear power that would ultimately be competitive with electricity produced from plants using conventional fuels.

### Experimental Facility

The reactor will produce some 22,300 electrical kilowatts, and will provide important experimental facilities for development of reactors of the gas-cooled type.

Engineers were not certain exactly how long the unloading will take. It was scheduled to reach a point near the Oak Ridge Gaseous Diffusion Plant Monday, February 4. Unloading time is also an uncertainty at the present. It will travel up Gahaller to White Wing Road, then onto Bear Creek Road to the Y, then toward its destination near the Clinch River.

Y-12 engineers state that if the vessel passes here during a weekday, that is before Friday, traffic

Continued on Page 4

6-11402



RECEIVING HER FIRST RETIREMENT check, and the first one issued to a new retiree for the year 1963 is Willie B. Smith, right. Mrs. Smith left Y-12 last week after more than 19 years service here. She plans to live at Route 3, Lenoir City. She is presented her check by Richard H. Sharp.

## UCNC Plans Pilot Plant In Far West

### New Facility Will Process Asbestos

The construction of an experimental pilot plant near King City, California, for the processing of asbestos has been announced by Birny Mason Jr., president of Union Carbide Corporation. Construction of the pilot plant is scheduled to begin shortly. When it is completed in July, about 50 employees will be required for plant operations.

Union Carbide's mine site is located near Coalinga, which is about 60 miles from Fresno. Asbestos ore will be removed by open pit mining and hauled to King City for final processing at the pilot plant.

The King City location was chosen for its availability of power, gas and an ample water supply needed for product development and process improvements. The mining and milling operations will be carried out by Union Carbide Nuclear Company.

### Several Years Planning

Lyman A. Bliss, president of Union Carbide Nuclear Company, stated that the decision to build this plant comes after several years of research and process development at the company's research center near Tuxedo, New York. Many of these preliminary studies were designed to investigate new uses for the short fiber asbestos characteristics of the Coalinga deposit.

He also added that the plant is being erected to prove out the process and to provide sample quantities of products for prospective customers. New applications for this short fiber asbestos include its use as a filler for plastic molding compounds and for various new building materials.

## B Shift Plans Family Night Tonight In Town

The B Shift recreation crowd is planning a big family fun night tonight, Wednesday, February 6 at the Ridge Recreation Hall. Activities get under way at 7:30 p.m. sharp.

A total of 20 big prizes is to be given away, so polish the old glasses off, and come on out!

## Half Million Commuters Swell Big City's Hordes

New York city's population swells by almost half a million folks every weekday, as commuters from adjacent areas in New York State, New Jersey and Connecticut swarm in to work. The week-end tourist traffic takes up the big city's slack. "It's a great place to visit, but . . ."

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
31 Days Or  
995,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through February 3  
Phone 7755  
For Daily Report  
On Accident-Free Hours

## Organizational Changes Made In Finance, Materials Division

The following changes were recently affected in the Finance and Materials Division's organization. Edward C. Ellis, former superintendent, is reporting to the Manager of Accounting and Finance, Oak Ridge Gaseous Diffusion Plant. Edward A. Pluhar assumes responsibility of the Materials Department in addition to his present responsibility, Office Services. Clyde C. Hopkins, formerly in Production Control, assumes the new responsibility of Accounting and Budget Department. Both Pluhar and Hopkins will report to the plant superintendent.

Edward A. Pluhar, a real old-time Carbider, has company service going back to March 1, 1939 when he hired in with the Bakelite Corporation, a division of Union Carbide Corporation, Bound Brook, New Jersey. A native of that city, Pluhar came to ORGDP March 1, 1944 and then later (October 1, 1958) transferred to Y-12. He had formerly worked with the Calco Chemical Corporation, Bound Brook, before going with Bakelite.

Pluhar lives at 7416 Sheffield Drive, Knoxville, with his wife, the former Annamaria Schuck. They have two children, Kenneth, in Y-12's Tool Engineering, and Penelope, who is attending the University of Tennessee. Mrs. Pluhar is employed in the Oak Ridge National Laboratory Library in Y-12.

He is a graduate of the Drake Business College, Brunswick, New Jersey.

Clyde C. Hopkins, a native of Brownsville, Tennessee, came to Y-12 March 10, 1952. He holds a BA degree in accounting from the College of Commerce, Bowling Green, Kentucky, having also attended Bowling Green College. He has also done extension work at the University of Tennessee.

The new head of Accounting and Budget lives at 106 Woodridge Lane, Oak Ridge. His wife, the former Ada Rudolph, was long employed as secretary in the Shift Superintendents Division. They have one small daughter, Cindy.

Edward C. Ellis is a native of Kingston. He attended school there and is a graduate of Tennessee Polytechnic Institute, Cookeville. He first came to ORGDP October 10, 1945, then transferred to Y-12 June 1, 1954.

Married to the former Vivian Van Draska, the former Finance and Materials superintendent lives at Route 2, Kingston.

Their two sons are Edward Michael, who is a freshman at Tennessee Tech and David at home.

One of Ellis's chief hobbies, besides his home swimming pool, is golfing; and he expressed a desire to participate in coming Y-12 tournaments this summer. It takes a real golfer to think of the game in weather here the past two or three weeks!

## Golf Cart, Sprayer Are Quarterly Poster Prizes

The Safety Department is currently receiving entries in the quarterly poster contest, now in effect. The April-May-June competition centers around "Off-the-Job Safety."

Prizes in the new quarterly contest are a golf cart and a three-gallon sprayer. Rules are similar to the old month-by-month contest, and the deadline in the race now in progress is Thursday, February 28.



EDWARD A. PLUHAR



CLYDE C. HOPKINS



EDWARD C. ELLIS

## Please, Mr. Groundhog, No Shadow This Year!

Saturday, February 2, was Groundhog Day. Old folks say that if the furry creature sees his shadow he returns to his den for another six weeks of winter. Actually, the day is grounded on Candlemas Day. The groundhog is not a "hog" at all, he is a woodchuck, a member of the rodent family. Pioneer Tennesseans found the groundhog, along with the 'possum, rather tasty dishes usually baked with sweet potatoes.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division of



UNION CARBIDE CORPORATION

JAMES A. YOUNG Editor

OFFICE

Post Office Box Y  
Oak Ridge, Tenn.

Bldg. 9704-2 Room 149  
Telephone 7109

## Pitzer Son Recipient Of Research Grant

Will Embrace Advanced  
Study Of Malignancies



Dr. Frank R. Pitzer

News has come to Frank H. Pitzer, Special Mechanical Production in the H-2 Shop, that his son Dr. Frank R. Pitzer has been awarded a research grant. Dr. Pitzer is a senior resident physician at the University of Tennessee's Medical School. His \$8,000 medical grant from the federal government was made for the advanced study of malignant diseases.

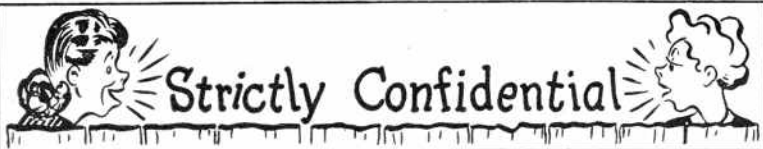
Dr. Pitzer is one of 108 physicians in the nation to receive grants under a new training program of the United States Public Health Service. These awards are designed to enable physicians already skilled in specialty fields to obtain additional training and experience in the prevention, diagnosis, treatment and control of cancer.

Pitzer received the Charles C. Verstandig Award during his training at UT. This award is given each term by fellow classmates and consists of a physician's handbag, as well as a certificate. The young doctor received his pre-professional training at the University of Virginia, Charlottesville, and at the Tennessee Polytechnic Institute, Cookeville. He was a member of the Theta Chi Fraternity and Skull and Keys Society. He received his doctorate of medicine and master of science degrees from the University of Tennessee's Medical Unit, Memphis. He is married to the former Shirley Jo Akers of Shinnston, West Virginia, and they make their home in Memphis.

Parents of the physician live at 155 Georgia Avenue, Oak Ridge.

## Education Not Wasted On Females Is Logical

"Why educate a girl," many parents ask, "Girls get married and that's that." Miss Mary Wooley, famed president of Mount Holyoke College once said, "When you educate a man, you educate a person; when you educate a woman, you educate a whole family." Sounds like pretty good logic for keeping that little miss in school.



We know a couple that can trace both their families back 300 years, yet don't know half the time where their kids are!

Coralling the news around Y-12, it's learned in

### MECHANICAL OPERATIONS

Over in F Area, D. G. Lincoln recently had some 'molar trouble' and best wishes, naturally, to him.

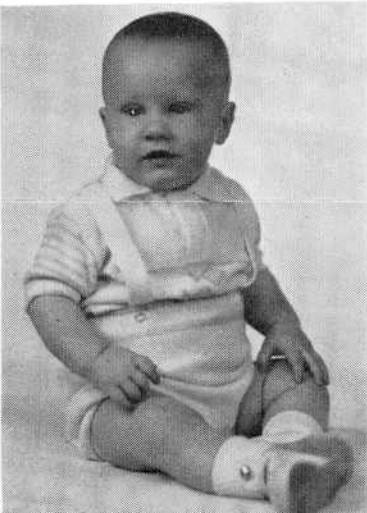
Sympathy is extended to D. C. Bonifacius and W. J. Grubb, whose fathers passed away recently . . . Also to W. J. Foley in the loss of his mother.

The A-2 Shop has J. E. Miles, D. C. Farrell and J. D. Starnes on vacation recently . . . and U. Wallace ill in Fort Sanders. Best wishes to him.

A. T. Bradford spent his vacation moving into the Woodland area, Oak Ridge. (Some of the finest people we know live there!)

George Wylie gave up golf altogether, even sold his clubs. But he couldn't stay away too long, so he bought an all new set of clubs. Now maybe he won't have to split the champion title and can have it all to himself.

A-2 Shoppers are welcoming in W. D. Phillippi, over on loan a few weeks from ORGDP . . . Betty Ward's husband, Ed, has been in the hospital and not to be outdone, Betty developed a good case of flu at the same time. Both are well on the road to recovery by now, it happily says here.



Darrius Davis

This alert youngster is Darrius Davis, son of Mr. and Mrs. D. A. Davis. His papa is Darwin A. Davis, A-2 Shop. Both D. A. and little Darrius are eagerly awaiting a return visit from the Stork at their house any day now.

Machine Maintenance sends its get well wishes to H. L. Hunter who is off sick . . . also it is reported that Walter Eble was off on a vacation recently moving into his new country estate in Oakdale.

Trading stamps will help you get things you probably wouldn't buy even if you had the money.

### CHEMICAL OPERATIONS



Terri Lynn Shelton

None of this 'Jackie Kennedy'

hair-do for me, smiles back Terri Lynn Shelton. She is the daughter of Mr. and Mrs. Jerry Shelton (Pat formerly worked in Mechanical Operations). Her proud grand-pa is E. G. Blanton, Chemical Department.

Third grader to father: "Dad, here's my report card and one of yours I found in the attic."

### MAINTENANCE

Electrical is welcoming Donna Ferguson into the fold . . . Illnesses kept R. F. Moyers confined to a hospital and W. F. Grigsby and B. C. Blitch off, but all are progressing nicely.

Liking the home fires the past week or so of cold, cold weather was W. F. Smith. He decided to just sit and enjoy the fire a while. (We always say, there's nothing like a big fire in the living room . . . IF you have a fireplace!)

Americans are known for keeping their cars in running conditions—and pedestrians the same way.

### ENGINEERING

Tool Engineering is sending get well wishes to Spence Ferguson, Beta Four Tool Design, who is patiently a patient at St. Mary's Hospital.

The same is sent to Nora Hurst at St. Mary's. Nora will be residing there for a few weeks and would enjoy a 'howdy' from any of her friends who find themselves in that vicinity.

Welcomed back after a speedy recovery from surgery is T. C. Swindell. The following diddy written to the Beta Four Group by Tommy himself might help explain his fast return:

"Thank you for the flowers,  
Vase and all,  
Including the magnums,  
Which stand mighty tall.  
The flowers are pretty,  
And the vase is, too . . .  
The cigars are fresh - - -  
So what's to do?  
The flowers I'll smell,  
And the leaf I'll burn,  
To see you soon,  
For I yearn to earn!"

A man could retire nicely if he could sell his experiences for just half of what they cost him in the first place!

### INDUSTRIAL RELATIONS

The Fire and Guardsmen are welcoming back H. J. Ballew after a siege of it . . . Get well wishes are being sent to J. B. Quinn's mother, C. H. Nicely's wife and to the wives of C. E. Alcorn and J. T. Riddle. It's hoped that all are up and well soon.

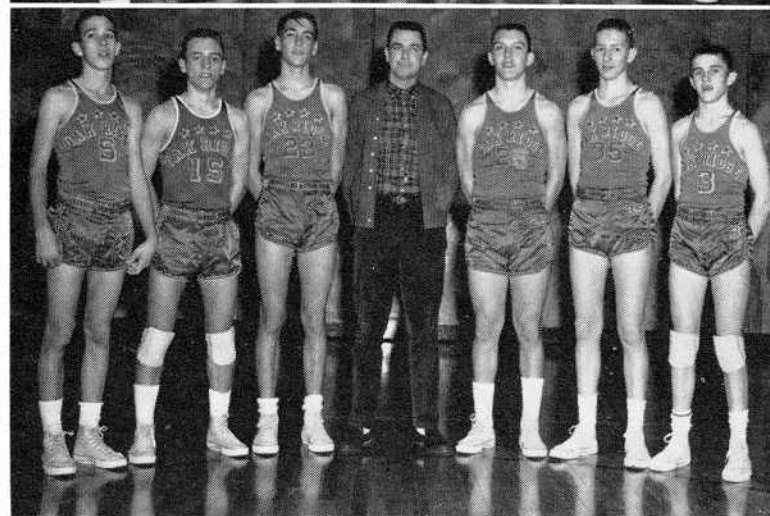
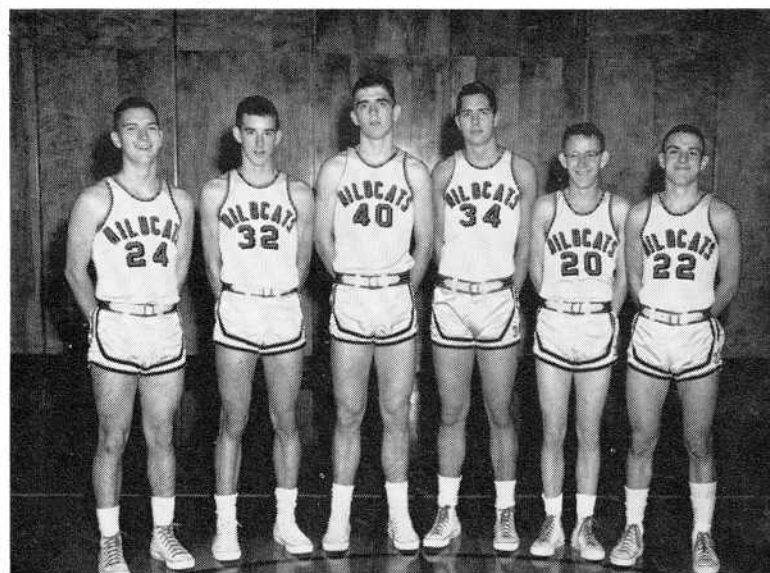
Remember it's easy to save face. Just keep the lower half of it shut. See you'uns next week.

## AEC Breaks Own Record Of Films' Audiences

During 1962, a total of 1,290,500 persons viewed films borrowed from the Atomic Energy Commission's film library here—three times the number of viewers recorded during the preceding year.

The films are available without charge for non-commercial showings, and are used by high schools, colleges and other groups. The Oak Ridge film library services Kentucky, Arkansas, Louisiana, Mississippi and Tennessee.

During the year, approximately 1,239,500 persons saw non-technical films in 6,498 different showings, and 51,000 viewers watched technical films at 454 screenings. The films are available from the AEC Public Information Office.



FOLLOWING IN THE FOOTSTEPS of 1962's District Champions is no easy task, but these men seem to be doing right well with it. The Oak Ridge High School Wildcat basketball team are seen above, at least Y-12's part of them. In the top photograph is the big varsity team . . . from left Bob Cantrell (R. T., Recreation); Kenny Campbell, (J. E., Employee Services); Bud Defenderfer, (Victor, Alpha Five Cascade Operations); Chuck Tate, (Charles H., Process Analysis); Mike Sewell, (John, Machine Maintenance); and Mike Stevens, (Clarence L., Product Processing). Parents' names and departments are shown in parentheses. The B team is shown after a recent game in the lower photograph. From left are John Byrd, (John H., General Machine Shop); Len Hart, (Len, Process Maintenance, and Naomi, Maintenance Division); Larry Bender, (Del, Shift Superintendents); Coach Walter Porter; Oran Buck (Oran, Utilities); Steve Taylor, (Elmo, A-2 Shop); and Ronny Henderson, (Charles, Beta Two).

## Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 15 and 10 year anniversaries with Carbide within the next few days.

### 15 YEARS

Frederick R. Dagley, Garage Department, February 9.  
Delmer D. Woods, General Weld Shop, February 12.

### 10 YEARS

Rolf C. Rosenvinge, Civil and Architectural Engineering, February 6.  
Calvin G. Johnson, Building, Grounds and Maintenance Shops, February 9.  
Milo A. Horton, Building, Grounds and Maintenance Shops, February 9.  
Rayce L. Vanderpool, Research Services, February 9.  
George H. Worthington, Janitors Department, February 11.  
Claude R. Johnson, Research Services, February 11.

## New Polyether Unit Added At England Site

Union Carbide Corporation is erecting a 100,000-pound-per-year polyether unit at its Blythe, Hampshire facility in England. Ethylene oxide feedstock and other derivatives are already being produced there.

Union Carbide Limited and Distilling Company Limited have joined to form a new company. The principal elements of the company are Bakelite, Limited; the British Xylonite Company, Limited; and the polyethylene operations of Union Carbide Limited.

Go-go-go for security.

## Exhibit-Concert Combined Saturday

The Oak Ridge Symphony Orchestra and Art Center will be partners in presenting a concert and art exhibit at the Oak Ridge High School Auditorium Saturday, February 9, beginning at 8:15 p.m. The program, under the direction of Franklin Choset, will include the Hector Berlioz "Overture to Benvenuto Cellini," and Gunter Schuller's "Seven Sketches on Themes by Paul Klee." Modest Moussorgsky's opening promenade from "Pictures at an Exhibition," and Bela Bartok's "Two Portraits," will be included in the program also. Each selection bears a relationship to the graphic arts.

The art exhibition in the lobby of the auditorium will consist of photographic reproductions in color of the seven Klee pictures from which the seven sketches were made. A showing of original Hungarian woodcuts by Joseph Domjan will also be shown. Domjan fled the tragic Hungarian Revolution of 1956 and now lives in New Jersey. Both his art and Bartok's music are steeped in Hungarian folk lore and folk themes.

This unusual program is part of the regular series of the Oak Ridge Civic Music Association. Single tickets will also be available at the door.

## Chemical Industry Puts New Products On Market

The United States chemical industry places more than 400 new chemicals and chemical products on the market each year. Many of these products go straight to the consumer, pushing the American standard of living to newer heights every year.



## Reagents One Point Leader In Bush Set

### Rusty Five, Dry Hides In 2nd Tie

The Dry Hides, tied for second place in Y-12 Bush League for bowlers, burned the alleys up last week by taking the Rollmasters for the count of three. They swept the team boards with singles scores of 875 scratch and 1098 handicap . . . the series boards with 2393 scratch and 3062 handicap tallies.

Max Bezik, Dry Hides, rolled high singles of 230 scratch and 274 handicap. Ray Waldrup of the same team, posted high series scores of 553 scratch and 670 handicap.

Other three-point wins were racked up by the Reagents over the Lucky Five, the Hi Balls over the Seven Sixties and the Rollniks over the Rusty Five. Drawing the bye-of-the-week were the Beavers.

League standings follow:

Team	Won	Lost
Reagents	25	11
Rusty Five	24	12
Dry Hides	24	12
Lucky Five	18	18
Hi Balls	18	18
Beavers	15	17
Rollmasters	13½	22½
Seven Sixties	12½	23½
Rollniks	10	26

## Par Busters Edge Up In C League Race

### Share Top Berth With Big Five

The Par Busters moved up in the C League for Y-12 bowlers to tie for first place with the Big Five. The Busters did this by taking the Rodders for four full points, while the Big Five downed their opponents the Rounders by three. The only other four-point win was the Hi Lifers over the Hookers. The remaining games went by three . . . as the Sunflowers swamped the SP's, the Lucky Strikes downed C Shift and the Strikers struck the Screwballs.

George Reece, Hi Lifers, rolled the high single scratch game of the night with a 223. Joe Youngblood, subbing on the Lucky Strikes, took handicap highs with a 253 single, 653 series total. Tom Overton, Rodders, took high series scratch totals with a 588.

The Big Five took high singles in the scratch department with 895, while C Shift-men took single handicaps with 1072. The Lucky Strikes struck their way through series play with 2595 scratch and 2958 handicap totals.

League standings follow:

Team	Won	Lost
Big Five	12	4
Par Busters	12	4
Sunflowers	11	5
Hi Lifers	10	6
Lucky Strikes	9	7
Strikers	8	8
Hookers	7	9
Rodders	7	9
C Shift	6	10
Rounders	6	10
SP's	5	11
Screwballs	3	13

## Rifle Men Start New Season With 3 Teams

The 22 Calibre Rifle League got in its first firings last week, with Y-12's team scoring a total of 1408 total scratch points. Dave DeWalt scored high with a 290, followed by Bob Powers' 287.

The Independents took a total scratch of 1068, while ORNL fired a top 1417.

Handicap scores will be established after additional firings.

League standings follow:

Team	Points
ORNL	3
Y-12	2
Independent	1



FIGHTING TEAMS FROM THE BUSH LEAGUE are seen ready for any competition. Above are the Rollmasters, made up of Dave Grigg, Captain Ron Taylor, Charlie Myers, Gene Boyd and Jack Gamble. The Masters currently enjoy a 13 and one-



half point won and 22 and one-half point loss record. The other team is called the Beavers. The Beavers enjoy a 15 won, 17 lost record, and are comprised of Ed Maeyens, Jim Bryson, Jack Yaggi, Captain Tony Caputo and John Pridgeon.

## Blue Pistoleer Team Is New League Leader

The Blue team in the Y-12 Pistol League edged out in front last week by virtue of C. Beeler's average scratch scoring of 257.69. J. V. Ledbetter's handicap score was 290.485, also tops in that category for the week. The Blue's 23 points, only one in front of the Red team's 22, leaves the Greens and White teams far in the rear.

The Red's Dave Alford fired a 277.82 scratch score.

League standings follow:

Team	Points
Blue	23
Red	22
White	3
Green	2

## Eagles Lose V'Ball Throne By One Point

### ORNL Set Ups Take 1st Half On Courts

Y-12's Eagles got hot in the Carbide Volleyball League last week taking a straight six games from two opponents. They first downed the A Shift team 16-14, 15-10 and 15-12. In later play, they downed the Old Men 15-7, 15-3, and 15-7.

Oak Ridge National Laboratory's Set Ups took the first half of league play by one game . . . nosing out the Y-12 team. They won 13, lost two; while the Eagles won 12, lost three.

ORNL's team ORSORT took three from Biology 15-9, 16-4 and 15-6, then turned and lost three to the Set Ups by scores of 15-0, 15-7 and 15-3.

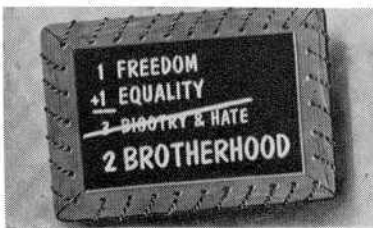
The Y-12 men finished only one point removed from first place!

League standings follow:

Team	Won	Lost
Set Ups	13	2
Eagles (Y-12)	12	3
A Shift	10	5
Old Men	6	9
ORSORT	4	11
Biology	0	15

### MYSTERIOUS SMILE

Leonardo da Vinci's portrait, Mona Lisa, now on display in Washington, was modeled by Lisa, wife of a Florentine, Francesco del Giocondo. The painting is called "La Gioconda" in Italy.



## Swingsters Assume New Classic Lead

### Has Beens' McLendon Rolls 234 Scratch!

The Classic League for Y-12 bowlers got another change in leaders last week. The Swingsters assumed reign on first place by their four point win over the Screwballs. The Bumpers took the Smelters for the only other clean sweep of the night. The remaining tilts went by the three-point route as the Has Beens had the Rippers, the All Stars took the Tigers, the Rebels overcame the Eightballs, the Wasps took the Wolves, the Sportsmen spotted the Cubs, and the Playboys marked the Markers.

Jack McLendon, Has Beens, had high singles for the day, with a 234 scratch, 259 handicap rally. Clyde Smith, Bumpers, had high scratch series of 604, and Joe Smyrl, Playboys, took high series handicap with 669. The Bumpers took high scratch play with 950 single and 2712 handicap series totals, while the Playboys played the handicap leaders with 1066 single and 3023 handicap tallies.

League standings follow:

Team	Won	Lost
Swingsters	18	6
Has Beens	17	7
Rippers	16½	7½
Markers	16	8
All Stars	15	9
Rebels	15	9
Waspas	14	10
Bumpers	13	11
Sportsmen	11	13
Tigers	10½	13½
Smelters	8	16
Wolves	8	16
Cubs	8	16
Playboys	8	16
Eightballs	6	18

## Skeet Tops Still Swartout-Welfare

Fred Welfare and J. A. Swartout maintain their top notch standing still in the All Carbide Skeet League, as of the seventh shooting. Their 300 score out of a possible 350 is approached only by Ken Bahler and Carl Brewster's 283. The high score for the January 27 shoot-out was Bahler-Brewster's 42/50.

The second high for this shoot was Swartout-Welfare with 39/50. The final regularly scheduled match of the winter league will be held this Sunday, February 10.

League standings follow:

Team	Points
Swartout-Welfare	300
Bahler-Brewster	283
*Davy-Asmanes	275
*McNabb-Powers	259
Patton-Preskitt	258
*Steward-Bender	230
*Patterson-Murray	229
Case-Hamby-Evans	228
*Wiest-Bailey	208
*Schaefer-Cuthbert	204
*Sahr-Hopkins	164
Davis-Lewis	158
*Incomplete scores.	

## Bowling Tilt Sees Y-12ers On Alleys

The Y-12 Bowling Tournament looks like a sell-out at this time. A total of 28 men's teams, 68 doubles, 136 singles, and 109 participants in All Events have already been assigned times. In women's play there will be 18 mixed doubles, eight women's doubles, 16 singles and 16 in All Events play.

The usual alley courtesy is expected of Y-12 bowlers. For the Saturday and Sunday, February 9 and 10 tournament, bowlers are requested to appear at least 30 minutes before line times.

Only shift bowlers were given preferential treatment in schedules.

Have happy rollings!

## Pinquins Share E League Lead With 4-Squares

Y-12's E League for bowlers played 'fruit-basket turn over' again, getting new leaders into the limelight. The Pinquins tie now for first place with the Four-squares. The 'Squares took four points from the Ten Pins, while the Pinquins robbed the Pintwisters of three. The Alleybees took three from the Cannonballs.

Johnny Gadd, Pinquins, took most of the individual highs. He rolled a 236 single scratch, 271 single handicap, and a 626 series handicap total. Jack Rhea, Pintwisters, blocked Gadd's complete sweep by taking high scratch series with 522.

The Pintwisters took teamwise honors, rolling singles in the order of 729 scratch and 874 handicap; 1910 series scratch and 2357 series handicap.

League standings follow:

Team	Won	Lost
Pinquins	13	7
Four-squares	13	7
Ten Pins	12	8
Alleybees	8	12
Cannonballs	7	13
Pintwisters	7	13



"Good morning, boss!"

## Cool Cats Capture Mixed Alley Lead

### Rekemeyer Rolls 271, 658 H'cap Games

The lead in the Mixed League for Y-12 bowlers got changed again last week. The Cool Cats took over post number one by cooling the heels of the Toppers by three points. The only four-point win was registered by the Ghosts over the Pin Plasters. The Plasters, winners of first place in the first half of league's play, haven't got off their feet yet, wrestling with the Scrappers for the next to the last place in league standings. For three point wins, the Phantoms ditched the Alley Cats and the Scrappers got the Goofers.

Irene Carmack, Cool Cats, took high singles in the women's division, with a 179 scratch, 230 handicap tally. She also hit her stride in a 442 scratch series posting. Nola Cherry, Scrappers, took handicap series tops with 615. W. B. Stephens, Goofers, took high single scratch game of the night with 223, but Pete Rekemeyer, Scrappers, burned the alleys up the rest of the way taking high handicap singles with a rollicking 271 and 658 series handicap tally. Stephens maintained his scratch highs with a 578 series.

The Cool Cats took high scratch with 627 singles, 1791 series scores; while the Scrappers took handicap highs with 847 singles and 2382 series highs.

League standings follow:

Team	Won	Lost
Cool Cats	12	4
Goofers	11	5
Alley Cats	9	7
Phantoms	9	7
Ghosts	8	8
Pin Plasters	6	10
Scrappers	6	10
Toppers	3	13

## Please, Mr. Tally-man Come To The Alleys!

Now hear this . . . now hear this! All bowling captains with team rolling doubles and singles. You have to provide a scorekeeper for the big Y-12 tournament this week-end. Please have the 'tally-man' there at least 30 minutes early.

## Golf Ball Sized Piece Of Uranium Has Potential

One pound of uranium, the size of a golf ball, has the same potential energy as nearly 3,000,000 pounds of coal. The TNT required to reproduce this same amount of energy would fill Yankee Stadium!

### POST HOLIDAY THOUGHT

Television programmers are missing a good bet by not planning something for the non-sportsman to view on New Year's Day.



BULK RATE  
U. S. Postage  
**PAID**

Oak Ridge, Tenn.  
Permit No. 71

## UNION CARBIDE NUCLEAR COMPANY

Division of

Union Carbide Corporation

Post Office Box Y  
Oak Ridge, Tennessee

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,  
RETURN TO SENDER IMMEDIATELY.

## Y-12 Eagles Claw Thru 2 Basket Wins

### New Season Opens With Y-12 Team 1st

The Carbide Basketball League (between Y-12ers and ORGDP-ers) got rolling into its second half last week with four games set.

The first tilt off saw the Atoms take the All Stars (ORGDP) to the tune of 46 to 33. The Atoms played one of the best defensive games of the season. In the first half they wouldn't give the All Stars any shots at the basket. After building up a 12 point lead they eased off a bit and then matched the All Stars point for point in the last half of the game. Jim George led his team with 13 points, while the All Star's Clark fired 16 through the bucket.

Y-12's Eagles edged the ORGDP Lab Demons out by the squeaky score of 38 to 35. The Eagles tried their best to give this one away. After building up a nine point lead, they cooled off and let the Demons pull even . . . then stay within two or three points the rest of the way. With only eight seconds remaining in the game the Eagles had a one point lead. Ralph Vaughan then was fouled in the act of shooting, and calmly sank them both to ice it up for the Eagles. Bob Coulton led the Eagles with 12 and Vaughan had nine. The Lab Demons' Slattery fired nine and Lambreth had eight.

### Eagles Fly Back

The Eagles flew back Thursday night to take their second game a little easier than their first one. Both teams were off from the first quarter, but the Eagles got hot, sharpening their claws on the Misfits to the tally of 48 to 28. The Misfits failed to score at all in the second quarter. Both teams played fairly evenly the last half, but the Eagles held control of both boards. Coulton again led the birds with 17, while Ralph Vaughan had 11. The Misfits' Wright and McQuire both scored six each for the Misfits.

ORGDP's All Stars won from their fellow plantsmen, the Lab Demons by the comfortable margin of 60 to 46. This was a good game with the Stars pulling away in the last quarter during a hot streak with Clark hitting nine important points during the final period. He led the Stars with 19 big points, to Cox's 12. The Lab Demons saw Edd Woy score 17 and Lambreth fire 13.

New league standings follow:

Team	Won	Lost
Eagles	2	0
Atoms	1	0
All Stars (ORGDP)	1	1
Misfits	0	1
Lab Demons	0	2
Flyers	0	0

### Telephone Privacy Days Are Coming To An End!

The ladies had better brace themselves. The day is coming when one will be unable to answer the telephone in sweet privacy. Corporations are now in research on a telephone which gives you and your caller a TV-screen view of each other . . . in living color, too!



Riders wanted from South Knoxville to any portal, H Shift. M. J. Case, plant phone 7-8088, home phone Knoxville 577-0009.

Ride wanted from Arlington Section, Knoxville, to West Portal, H Shift. M. F. Davis, plant phone 7-8291.

One rider wanted from Pine Hills, Harriman, via Blair to Central, West or Bear Creek Portal, straight day. R. W. Curtis, plant phone 7-8465, home phone Harriman 882-9291.

Ride wanted, or will join car pool, from East Arrowood section, Oak Ridge, to West Portal, straight day. T. J. Sizoo, plant phone 7-8831, home phone Oak Ridge 482-1519.

Ride wanted or will join car pool from Ford sub-division, Lenoir City, to North Portal, straight day. Paul Jenkins, plant phone 7-8528.

Riders wanted from Woodland area, Oak Ridge, to West Portal, straight day. Tom Norris, plant phone 7-8848, home phone Oak Ridge 483-0515.

Ride wanted from Venus Road, Oak Ridge, to Central or West Portal, straight day. Katie Guley, plant phone 7983, home phone Oak Ridge 483-9674.

Ride wanted from West Tennessee Avenue, Oak Ridge, to Central or West Portal, straight day. June Maupin, plant phone 7-8481, home phone Oak Ridge 482-1503.

Riders wanted from vicinity of Tacoma Road, Oak Ridge, to Central Portal, straight day. Becky Bolen, plant phone 7-8361, home phone Oak Ridge 483-8524.

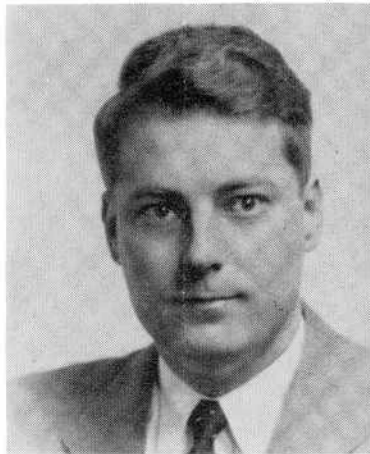
### 'Can Spring . . .

#### Be Far Behind?

Hats off to the Knoxville press. They came up with a perfect description of the condition of the roads last week. They referred to it as that "freezy skid stuff."

## AWS And SNT Joint Meet Is Set Tuesday

### Deane Hill Dinner, With Grinnell Official



Helmut Thielsch

A joint meeting of the Northeast Tennessee Section of the American Welding Society and the Society of Non-destructive Testing will be held next Tuesday, February 12, at Deane Hill Country Club, Knoxville. The social hour will begin at 6:30 p.m. with dinner at 7 and the technical session slated for 8 p.m.

Featured speaker at the joint meet will be Helmut Thielsch, from the industrial piping laboratory of the Grinnell Company. He is concerned with research and development of procedures for the fabrication, bending, and welding of piping, with investigation of service failures and with inspection of welded products. Previous to 1952 he was associated with the Welding Research Council. He holds several patents and has authored over 80 technical papers.

Thielsch's address will touch on fallacies on which design is based, selection of materials and welding specifications and procedures, and inspection methods will be discussed. Service failures and the five basic causes of weld failures are reviewed in detail with numerous examples. His speech is entitled "Welding Pressure Vessels and Piping and Detection of Potential Weld Metal Failures."

A telephone committee is calling each member of the AWS and the SNT to ascertain the number of dinner guests. Accuracy of numbers is stressed by both groups.

### ICE MAN DOESN'T COMETH

Who said automation would kill us? The estimated 10,000 ice men of 40 years ago have been replaced by 25,000 refrigerator servicemen.

## EGCR Pressure Vessel

Continued from Page 1  
will have to be rerouted at least for one day on Bear Creek Road. The truck carrying the vessel moves at the incredibly slow speed of one-half mile per hour, and it will take most of a full day to pass Y-12.

### Red Lights Down

The red lights on Bear Creek will have to come down, and traffic will probably result in a one-way, one-lane situation. Height clearance on the structure is 26 feet! Extreme care and patience will be required for the temporary situation.

Transportation engineers also ask that you do not stop to inspect the equipment. Special badges are required to be near the vessel, and a milling public around it would create an unnecessary hazard. This was experienced by the crew that got the vessel on its way.

### Make Way For Progress

If the vessel should pass Saturday or Sunday, no extreme traffic difficulties would be expected. There is a chance, however, that it will fall on a work day. If this is the case Y-12 motorists can be inconvenienced at least for a day for the sake of progress.

## An Aspirin Is An Aspirin . . . Is An Aspirin

The American Medical Association contends that an aspirin is an aspirin regardless of price. A special Senate committee recently asked Oliver Field, director of AMA's Department of Investigation why some aspirin sold as much as three and one-half times the price of unknown brands.

People might as well buy the cheaper product, reported the AMA, an aspirin has to meet certain requirements to be called an aspirin.

Strive for no security infractions.

## Smile A'while

You have to be a real juggler if you have a reputation to keep up and a reputation to live down.

A Texan rushing up to the ticket counter at an airport terminal recently, exclaiming, "Give me a ticket on the next plane."

"Where to, Sir?"

"Anywhere, son, anywhere. I got business all over."

Doing nothing is tiring because you can't stop and rest when you are doing it!

Judge: Please state your name, occupation and the charge against you.

Prisoner: My name is Sparks, I'm an electrician, and the charge is battery.

Either inflation has taken over or somebody was wrong to start with. When we were in high school, it was told that chemicals in a human body were worth only 98 cents. A recent chemical journal stated that chemicals in the human body are now worth \$31. The price goes much higher, we might sell.

Don't consider it a compliment when someone tells you you look like a million dollars. Wait and see if he means before or after taxes.

We know a cowboy who only wears one spur. He explains that its reasonable to expect that if one side of the horse runs, the other side is going to run also.

A Britisher was explaining the game Rugby to an American recently. "It means a lot of shin kicking," he stated.

American: "Oh, we play that game too. Only we call it bridge over here."

And inventor we know created a combination shaving cream, shoe polish and toothpaste for traveling, then went off and left it at home!

6-11401



A PORTABLE TELEVISION set was presented to Willie B. Smith, center, on her retirement last week from Y-12, after more than 19 years of service in Y-12. From left are co-workers, Louise Wormly, Katie Cole, Mrs. Smith, Clara Hall and Miles Dansby.

6-11403



TAKING EARLY RETIREMENT LAST WEEK was Willie B. Smith, seen in the center, near the television set her fellow workers in the Janitor's Department presented

her. Mrs. Smith began her career in Y-12 November 6, 1943 . . . or as she puts it "in the good old trailer-bus days."